

**2010 Oat Variety Trial – Continuously Cropped - No-till**

**Hettinger**

Variety	Days to Head	Plant Height	Lodging	Test Weight	---- Grain Yield ----			Average Yield	
	*	inches	0-9**	lbs/bu	2008	2009	2010	2 yr	3 yr
----- Bushels per acre -----									
AC Pinnacle	74	38	2	37.9	115.3	98.5	159.6	129.0	124.5
Furlong	75	38	0	37.3	115.4	98.5	154.7	126.6	122.9
Monida	74	37	3	36.1	112.8	97.1	153.3	125.2	121.1
Rockford	73	40	2	40.1	124.4	90.6	145.8	118.2	120.3
CDC Minstrel	74	37	0	36.6	112.0	101.9	154.9	128.4	119.6
Stallion	72	39	2	40.8	111.1	91.3	151.2	121.2	117.9
Killdeer	72	34	3	37.2	101.7	97.0	151.0	124.0	116.6
Souris	72	37	0	38.3	108.2	82.1	155.9	119.0	115.4
Beach	72	42	0	39.8	108.7	80.5	149.0	114.8	112.7
HiFi	73	37	2	37.5	108.8	85.9	140.1	113.0	111.6
CDC Dancer	74	39	0	37.5	110.7	75.0	145.9	110.4	110.5
Maida	72	37	0	37.4	108.6	80.9	139.7	110.3	109.7
Youngs	74	40	7	35.8	106.7	81.5	133.5	107.5	107.2
Jerry	71	39	2	38.4	101.4	70.2	133.8	102.0	101.8
Otana	74	41	6	38.8	90.7	72.9	139.6	106.2	101.1
Morton	72	41	1	38.7	98.1	61.4	135.7	98.6	98.4
Hyttest	70	42	4	41.4	96.5	66.9	121.9	94.4	95.1
Buff***	68	35	0	46.6	82.0	57.7	103.2	80.4	81.0
Stark***	76	42	2	40.8	75.8	59.5	95.8	77.6	77.0
Leggett	74	39	2	38.2		94.9	154.4	124.6	
Shelby 427	68	37	0	38.4			142.2		
Streaker***	68	38	3	47.8			114.2		
Trial Mean	72	39	2	38.8	105.9	85.1	143.8	--	--
C.V. %	0.8	4.1	80	2.3	5.3	9.8	5.8	--	--
LSD .05	1	2	2	1.2	7.8	11.8	11.7	--	--
LSD .01	1	3	3	1.7	10.4	15.6	15.5	--	--

\* Days to Head = the number of days from planting to emergence of panicle.

\*\* Lodging: 0 = none, 9 = lying flat on ground.

\*\*\* Naked (hulless) type.

Planting Date: April 19

Harvest Date: August 6

Seeding Rate: 750,000 live seeds / acre (approx. 1.7 bu/A).

Previous Crop: 2009 = mustard, 2008 = HRSW, 2007 = fallow.

Note: The 2009 trial sustained moderate hail damage.